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Application No. 10/729,275
Response dated October 12, 2006
Reply to Office action of September 25, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

1. (currently amended) A method for storing pixel image data, the method comprising:
retrieving a plurality of colorspace components from a first memory, wherein a pixel comprises individual colorspace components of different types, and wherein each burst comprises colorspace components of a single type; ~~and~~
storing the plurality of colorspace components in one continuous machine-readable memory segment in a machine readable memory, the machine readable memory having one or more burst boundaries; and
copying the plurality of colorspace components to a video frame being decoded for display.
2. (original) The method of claim 1 wherein the machine-readable memory comprises volatile memory.
3. (original) The method of claim 2 wherein the volatile memory comprises dynamic random access memory.
4. (original) The method of claim 2 wherein the volatile memory comprises static random access memory.
5. (original) The method of claim 1 wherein the colorspace components comprise luminance, red difference sample, and blue difference sample.
6. (original) The method of claim 1 wherein the colorspace components comprise a red color level, a green color level, and a blue color level.

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7. (original) The method of claim 1 wherein the pixel image data comprises a first data byte, the first data byte being registered at a memory address immediately following one of the one or more burst boundaries.

8. (original) The method of claim 1 wherein the pixel image data comprises a first data byte and subsequent data bytes, one of the subsequent data bytes being registered at a memory address immediately following one of the one or more burst boundaries.

9. (currently amended) A method of retrieving pixel image data from a machine-readable memory, the method comprising:

retrieving pixel data from ~~a the machine-readable memory device~~ having one or more bursts, wherein the pixel data comprises individual colorspace components of different types, and wherein each burst comprises colorspace components of a single type; and

storing the pixel data in one continuous machine-readable memory segment in the machine readable memory device, the continuous machine-readable memory segment having one or more burst boundaries;

copying the plurality of colorspace components to a video frame in the machine readable memory; and

decoding the video frame for display.

10. (original) The method of claim 9 wherein the machine-readable memory comprises volatile memory.

11. (original) The method of claim 10 wherein the volatile memory comprises dynamic random access memory.

12. (original) The method of claim 11 wherein the volatile memory comprises static random access memory.

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13. (original) The method of claim 9 wherein the colorspace components comprise luminance, red difference sample, and blue difference sample.

14. (original) The method of claim 9 wherein the colorspace components comprise a red color level, a green color level, and a blue color level.

15. (original) The method of claim 9 wherein the pixel image data comprises a first data byte, the first data byte being registered at a memory address immediately following one of the one or more burst boundaries.

16. (original) The method of claim 10 wherein the pixel image data comprises a first data byte and subsequent data bytes, one of the subsequent data bytes being registered at a memory address immediately following one of the one or more burst boundaries.